Index of Claims

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|           |  |

10/612,239

Examiner

John J. Wilson

Applicant(s)/Patent under Reexamination

KUO, ERIC

Art Unit

3732

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ł | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |                                                                                                                                            |          | <u> </u>                               | _        |                                       |          | ı            |              |          | Ь               |  |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------------------|----------|---------------------------------------|----------|--------------|--------------|----------|-----------------|--|
| Cla      | im                                                                                                                                         | Date     |                                        |          |                                       |          |              |              |          |                 |  |
| Final    | Original                                                                                                                                   | 10/26/05 | 1/14/06                                | 9/28/06  | 2/9/07                                |          |              |              |          |                 |  |
|          | 1                                                                                                                                          | +        | 7                                      | =        | =                                     | -        | -            | $\vdash$     | $\vdash$ |                 |  |
|          | 2                                                                                                                                          | +        | V                                      |          |                                       | -        |              | <u> </u>     | -        |                 |  |
|          | 3                                                                                                                                          | +        | 0                                      |          |                                       |          | _            |              | $\vdash$ |                 |  |
|          | 4                                                                                                                                          | +        | 0                                      |          |                                       |          |              |              |          |                 |  |
|          | 5                                                                                                                                          | +        | 1                                      |          |                                       | $\vdash$ |              |              | _        |                 |  |
|          | 1<br>2<br>3<br>4<br>5<br>6                                                                                                                 | +        | 1                                      |          |                                       |          | Г            |              |          |                 |  |
|          | 7                                                                                                                                          | +        | 1                                      |          |                                       |          |              |              |          |                 |  |
|          | 8                                                                                                                                          | +        | 1                                      |          |                                       |          |              |              |          |                 |  |
|          | 9                                                                                                                                          | +        | 1                                      |          |                                       | _        | _            | <u> </u>     | _        | Ш               |  |
|          | 10                                                                                                                                         | +        | 1                                      |          |                                       | _        |              | _            | L        |                 |  |
|          | 11                                                                                                                                         | +        | ٧,                                     | <u> </u> |                                       | <u> </u> | <u> </u>     |              |          |                 |  |
|          | 8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31 | +        | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | <u> </u> |                                       | _        | <u> </u>     | <u> </u>     | <u> </u> | $\vdash$        |  |
| ļ        | 1.4                                                                                                                                        | +        | ,/                                     | 1        | ,/                                    | ├        | <del> </del> | <del> </del> |          | $\vdash$        |  |
| -        | 15                                                                                                                                         | +        | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \  | J        | 777                                   | ⊢        | $\vdash$     | _            | <u> </u> | Н               |  |
|          | 16                                                                                                                                         | +        | 1                                      | 1        | 7                                     | $\vdash$ |              | -            | -        |                 |  |
|          | 17                                                                                                                                         | +        | J                                      | Ť        | <u> </u>                              | -        |              |              | -        |                 |  |
|          | 18                                                                                                                                         | +        | 亍                                      |          |                                       | $\vdash$ |              |              | ┝        | $\vdash$        |  |
|          | 19                                                                                                                                         | ÷        | 亍                                      | J        | 7                                     | $\vdash$ |              |              |          |                 |  |
|          | 20                                                                                                                                         | +        | V                                      | 1        | 1                                     | ┢╌       | -            | <u> </u>     | $\vdash$ | $\Box$          |  |
|          | 21                                                                                                                                         | +        | 1                                      | 1        | 1                                     |          |              |              |          |                 |  |
|          | 22                                                                                                                                         | +        |                                        |          | _                                     | -        |              |              |          |                 |  |
|          | 23                                                                                                                                         | +        |                                        |          |                                       |          |              |              |          |                 |  |
|          | 24                                                                                                                                         | +        |                                        |          |                                       |          |              |              |          |                 |  |
|          | 25                                                                                                                                         | ÷        |                                        |          |                                       |          |              |              |          |                 |  |
|          | 26                                                                                                                                         | +        | _                                      | L,       |                                       |          |              |              |          | Щ               |  |
|          | 27                                                                                                                                         | +        | 1                                      | 1        | 1                                     |          |              |              |          |                 |  |
|          | 28                                                                                                                                         | +        |                                        | 1        | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | <u> </u> | <u> </u>     | L.           | _        |                 |  |
|          | 29                                                                                                                                         | +        | 777                                    | 7 7      | 7                                     |          | <u> </u>     | <u> </u>     | _        | Н               |  |
|          | 30                                                                                                                                         | +        | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \  | V        | 7                                     | -        | <u> </u>     | -            | <u> </u> | Н               |  |
|          | 31                                                                                                                                         | +        |                                        | V        | 1                                     | -        | -            | -            |          | Н               |  |
| <u> </u> | 32                                                                                                                                         | +        | 1                                      | V        | 7                                     | ┝        | <u> </u>     |              | ┝        | Н               |  |
|          | 32<br>33<br>34                                                                                                                             | +        | V                                      | 7        | Ì                                     | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$        |  |
|          | 35                                                                                                                                         | +        | 1                                      | V        | j                                     | ┢        | _            | _            |          | $\vdash$        |  |
| -        | 35<br>36<br>37                                                                                                                             | +        | 1                                      | 1 1 1 1  | 1                                     |          |              |              | $\vdash$ | П               |  |
|          | 37                                                                                                                                         |          |                                        | =        | =                                     |          |              |              |          | П               |  |
|          | 38<br>39                                                                                                                                   |          |                                        | 1        | 1                                     |          |              |              |          |                 |  |
|          | 39                                                                                                                                         |          |                                        | 1        | 7                                     |          |              |              |          |                 |  |
|          | 40                                                                                                                                         |          |                                        | 1        | 1                                     |          |              |              |          |                 |  |
|          | 41                                                                                                                                         | _        | _                                      | V        | 1                                     |          | _            | _            | _        | Ш               |  |
|          | 42                                                                                                                                         | ļ.,      | _                                      | 7        | 7                                     | <u> </u> |              | L            | <u> </u> | Ш               |  |
|          | 43                                                                                                                                         | <u> </u> | <u> </u>                               | 7        | 7                                     |          | <u> </u>     | L            | <u> </u> | Ш               |  |
| <u> </u> | 44                                                                                                                                         | <u> </u> | _                                      | N        | 7                                     | <u> </u> | <u> </u>     |              | <u> </u> | $\vdash \dashv$ |  |
|          | 45                                                                                                                                         | <u> </u> | <u> </u>                               | N        | 1                                     | <u> </u> | <u> </u>     | <u> </u>     | <u> </u> | $\vdash \vdash$ |  |
|          | 46<br>47                                                                                                                                   | -        | H                                      | N        | 7                                     | $\vdash$ | <del> </del> | $\vdash$     | $\vdash$ | Н               |  |
|          | 48                                                                                                                                         | H        | $\vdash$                               | 7        | 7                                     | $\vdash$ | <del> </del> | $\vdash$     | -        | $\vdash$        |  |
| $\vdash$ | 49                                                                                                                                         | $\vdash$ | $\vdash$                               | H        | · •                                   | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$ | Н               |  |
|          | 50                                                                                                                                         | -        | -                                      |          |                                       | -        | <u> </u>     | -            |          | Н               |  |
|          | - 50                                                                                                                                       |          |                                        | L        |                                       |          |              |              |          | ∟               |  |

| Cla       | aim      | Date         |          |                                                  |              |                                                  |          |          |              |   |
|-----------|----------|--------------|----------|--------------------------------------------------|--------------|--------------------------------------------------|----------|----------|--------------|---|
|           |          |              |          |                                                  |              |                                                  |          |          |              |   |
| Final     | Original |              |          |                                                  |              |                                                  |          |          |              |   |
| 证         | ō        |              |          |                                                  |              |                                                  |          |          |              |   |
|           | l .      | ļ            |          | <u> </u>                                         | <u> </u>     | <u> </u>                                         |          |          |              | Н |
| _         | 51<br>52 |              | <u> </u> | <del>  -</del>                                   | <del> </del> | ├                                                |          |          | -            |   |
| _         | 53       |              | <u> </u> | ⊢                                                | ├            | $\vdash$                                         | _        |          | -            | Н |
|           | 54       | $\vdash$     | _        | ⊢                                                | -            | -                                                |          | _        | $\vdash$     | Н |
| _         | 54<br>55 | -            |          | ┢                                                | ┝            | -                                                | _        | _        | -            | - |
|           | 56       | H            |          | $\vdash$                                         |              | -                                                |          |          | $\vdash$     | H |
|           | 57       |              |          | ┢                                                | $\vdash$     | _                                                |          |          |              | Н |
|           | 58       |              |          | $\vdash$                                         | $\vdash$     | $\vdash$                                         |          |          |              | П |
|           | 59       |              |          | Т                                                |              | Г                                                | $\Box$   |          |              | П |
|           | 60       |              |          |                                                  |              |                                                  |          |          |              |   |
|           | 61       |              |          |                                                  |              |                                                  |          |          |              |   |
|           | 62       |              |          |                                                  |              |                                                  |          |          |              |   |
|           | 63       |              | <u> </u> |                                                  |              |                                                  | L        |          |              |   |
|           | 64       |              |          |                                                  | _            |                                                  |          |          |              | Ш |
|           | 65<br>66 |              | _        | <u> </u>                                         |              | <u> </u>                                         |          | _        | _            |   |
|           | 66       |              |          |                                                  | _            | <u> </u>                                         | _        | <u> </u> | <u> </u>     | Ш |
|           | 67       |              | _        | <u> </u>                                         | _            | ┡                                                | <u> </u> | <u> </u> | <u> </u>     | Ш |
| ļ         | 68       |              |          | _                                                | _            | ┡                                                | _        | _        | -            | Ш |
|           | 69       |              | <u> </u> | -                                                | <u> </u>     | ├-                                               | <u> </u> | _        | _            | Н |
|           | 70<br>71 |              |          | $\vdash$                                         | $\vdash$     | ⊢                                                | ⊢        | _        |              | Н |
| <u> </u>  | 72       |              | -        | -                                                | $\vdash$     | ⊢                                                | ┝        | _        | ┝            | Н |
|           | 73       |              | -        | $\vdash$                                         | $\vdash$     | $\vdash$                                         | $\vdash$ | $\vdash$ | $\vdash$     | Н |
|           | 73<br>74 |              |          | $\vdash$                                         | $\vdash$     | H                                                | $\vdash$ |          | -            | Н |
|           | l 75     |              |          |                                                  | -            | $\vdash$                                         | ┢─       |          | -            | - |
|           | 76<br>77 |              | _        |                                                  | -            |                                                  |          |          |              |   |
|           | 77       |              |          |                                                  |              |                                                  |          |          |              | П |
|           | 78       |              |          |                                                  |              |                                                  |          |          |              |   |
|           | 79       |              |          |                                                  |              |                                                  |          |          |              |   |
|           | 80       |              |          |                                                  |              |                                                  |          |          |              |   |
|           | 81       |              |          |                                                  |              | <u> </u>                                         | L_       | _        | $oxed{oxed}$ |   |
| <u></u>   | 82       |              | _        | _                                                |              | _                                                |          |          | <u> </u>     | Ш |
|           | 83       | -            | <u> </u> | <u> </u>                                         | <u> </u>     | <u> </u>                                         | _        |          | _            | Ш |
|           | 84<br>85 | -            | <u> </u> | ├                                                | ├            | ┡                                                |          |          | ├—           | - |
| <u> </u>  | 86       |              | -        | ⊢                                                | ┝            | -                                                |          | _        | -            | Н |
| -         | 87       | -            | _        | -                                                | -            | ┝                                                | <u> </u> | _        | -            | Н |
| $\vdash$  | 88       | $\vdash$     | $\vdash$ | ┢                                                | $\vdash$     | -                                                | ┢        | _        | -            | Н |
|           | 89       | $\vdash$     | _        | ┢                                                | ┝            | ┢                                                | _        | _        | -            | Н |
|           | 90       |              |          | $\vdash$                                         | $\vdash$     | <u> </u>                                         | -        | _        | <u> </u>     | Н |
| <b></b> - | 91       |              | T        | <del>                                     </del> | <u> </u>     | <del>                                     </del> |          | _        | $\vdash$     |   |
|           | 92       |              |          |                                                  | Γ            |                                                  |          |          | Ι.           |   |
|           | 93       |              |          |                                                  |              |                                                  |          |          |              |   |
|           | 94       |              |          |                                                  |              |                                                  |          |          |              |   |
|           | 95       |              |          |                                                  |              |                                                  |          |          |              |   |
|           | 96       | $oxed{\Box}$ |          | _                                                | L            |                                                  |          |          | L            | Ш |
|           | 97       |              | L_       | L_                                               | L_           | L                                                |          | <u> </u> | L            | Ш |
|           | 98       | Ш            | $\vdash$ | $ldsymbol{ldsymbol{\sqcup}}$                     | L            | _                                                |          | <u> </u> | L_           |   |
|           | 99       | $\vdash$     | <u> </u> | <u> </u>                                         | _            | <u> </u>                                         | _        | <u> </u> |              | Ш |
| $\Box$    | 100      | <u> </u>     | L        | <u> </u>                                         | <u> </u>     | Щ.                                               | L        | L        |              | Ш |

| Claim         |                                        |              | Date                                             |              |              |          |          |          |                                                  |                |
|---------------|----------------------------------------|--------------|--------------------------------------------------|--------------|--------------|----------|----------|----------|--------------------------------------------------|----------------|
|               |                                        |              |                                                  |              |              |          |          |          |                                                  |                |
| <del>-</del>  | Original                               |              |                                                  |              |              |          |          | ١,       |                                                  |                |
| Final         | ΪĒ                                     |              |                                                  |              | ŀ            |          |          |          |                                                  |                |
| <u> </u>      | ō                                      |              |                                                  | 1            | ŀ            |          |          |          |                                                  |                |
|               |                                        |              | <u> </u>                                         | <u> </u>     |              |          |          | _        |                                                  |                |
|               | 101                                    | _            |                                                  | _            | <u> </u>     | _        | _        | L        | <u> </u>                                         |                |
|               | 102                                    |              | L                                                |              |              |          |          |          | L                                                |                |
|               | 101<br>102<br>103                      |              |                                                  |              |              |          |          |          |                                                  |                |
|               | 104                                    |              |                                                  |              |              |          |          |          |                                                  |                |
|               | 105<br>106                             |              |                                                  |              | Г            |          |          | Г        |                                                  |                |
|               | 106                                    | _            |                                                  |              |              | -        | _        | -        |                                                  | $\vdash$       |
| _             | 107                                    |              | ├-                                               |              | ├            |          |          | ├─       |                                                  |                |
|               | 107                                    | <u> </u>     | ⊢                                                | _            | <del> </del> | ⊢        | _        | $\vdash$ | ├                                                | -              |
|               | 108<br>109                             | <u> </u>     | _                                                | _            | <u> </u>     | _        | _        | _        | _                                                |                |
|               | 109                                    | _            |                                                  |              |              |          |          |          |                                                  |                |
|               | 110                                    |              | <u> </u>                                         |              | L_           | <u>_</u> |          |          |                                                  |                |
|               | 111                                    |              |                                                  |              |              |          |          |          |                                                  |                |
|               | 112                                    |              |                                                  |              |              |          |          |          | _                                                |                |
|               | 113                                    | $\Box$       |                                                  | Π            | Γ            |          |          |          |                                                  |                |
|               | 114                                    |              | Т                                                |              | Т            |          |          |          | $\Box$                                           | П              |
| <u> </u>      | 115                                    | $\vdash$     |                                                  | <del> </del> | <del> </del> | $\vdash$ | _        | -        | $\vdash$                                         | Н              |
|               | 116                                    |              | ╁╾                                               | <u> </u>     | ⊢            | -        | ├        | ├        | ├─                                               | Н              |
| <u> </u>      |                                        | $\vdash$     | $\vdash$                                         | $\vdash$     | $\vdash$     | $\vdash$ | -        | $\vdash$ | $\vdash$                                         | Н              |
| <u> </u>      | 117                                    | <u> </u>     | <b>├</b>                                         | <u> </u>     | $\vdash$     | <u> </u> | <u> </u> | <u> </u> | <u> </u>                                         | Н              |
|               | 118                                    | L_           | 匚                                                |              | _            |          |          |          | <u> </u>                                         |                |
|               | 119<br>120                             |              |                                                  |              | _            |          | _        |          |                                                  |                |
|               | 120                                    |              |                                                  |              |              |          |          |          |                                                  |                |
|               | 121                                    |              |                                                  |              |              |          |          |          |                                                  |                |
|               | 121<br>122<br>123<br>124<br>125<br>126 |              | $\vdash$                                         |              | $\vdash$     |          |          | _        |                                                  |                |
| _             | 123                                    | $\vdash$     | $\vdash$                                         |              | Н            |          |          |          | Ι                                                |                |
|               | 124                                    | $\vdash$     | $\vdash$                                         |              | $\vdash$     | $\vdash$ |          | $\vdash$ |                                                  | -              |
|               | 125                                    | _            | ┝                                                | _            | ⊢            | $\vdash$ | _        | ┢        |                                                  |                |
| <u> </u>      | 123                                    | <u> </u>     | <b> </b>                                         |              | -            | -        | _        | -        | ├                                                |                |
|               | 126                                    | _            |                                                  |              | _            |          | _        | _        | _                                                | _              |
|               | 127<br>128<br>129                      |              | <u> </u>                                         |              |              | _        |          |          |                                                  |                |
|               | 128                                    |              |                                                  |              |              |          |          |          | L                                                |                |
|               | 129                                    |              |                                                  |              |              |          |          |          |                                                  |                |
|               | 130<br>131                             |              |                                                  |              |              |          |          |          |                                                  |                |
|               | 131                                    | _            |                                                  |              |              |          |          |          |                                                  |                |
|               | 132                                    |              |                                                  |              |              |          |          |          |                                                  | П              |
| $\vdash$      | 133                                    | $\vdash$     | <del>                                     </del> | $\vdash$     |              |          |          |          | <del>                                     </del> | $\vdash$       |
| $\vdash$      | 134                                    | _            | $\vdash$                                         | ┢            | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | -                                                | Н              |
| <b></b>       | 125                                    | $\vdash$     |                                                  |              | -            | -        | -        | $\vdash$ | $\vdash$                                         | Н              |
| <del></del>   | 135<br>136                             | $\vdash$     | $\vdash$                                         | <u> </u>     | <u> </u>     | ├        | <u> </u> | -        | <u> </u>                                         | Н              |
|               | 136                                    | _            | <u> </u>                                         |              | <u> </u>     |          |          | <u> </u> | <u> </u>                                         | Ш              |
| <u></u>       | 137                                    |              | L                                                |              | <u> </u>     | _        |          |          | <u> </u>                                         | Ш              |
|               | 138<br>139                             |              |                                                  |              |              |          |          |          | L                                                |                |
|               | 139                                    |              | L                                                | Ĺ            |              | L        |          |          | Ĺ                                                |                |
|               | 140                                    |              |                                                  | П            |              |          |          |          |                                                  |                |
|               | 141                                    | Г            | Г                                                |              | Г            |          |          |          | $\overline{}$                                    | П              |
| <u> </u>      | 142                                    | $\vdash$     | $\vdash$                                         | $\vdash$     | $\vdash$     | $\vdash$ | _        |          |                                                  | Н              |
| <del> </del>  | 143                                    | $\vdash$     | $\vdash$                                         | $\vdash$     | $\vdash$     | $\vdash$ | -        | -        |                                                  | Н              |
| ├──           |                                        |              | $\vdash$                                         | $\vdash$     | $\vdash$     | $\vdash$ | <u> </u> |          | $\vdash$                                         | $\vdash\vdash$ |
| <u> </u>      | 144                                    | <u> </u>     | ⊢                                                | <u> </u>     | Щ            | <u> </u> | <u> </u> | <u> </u> | <u> </u>                                         | Ш              |
| <u> </u>      | 145                                    | $oxed{oxed}$ | L.                                               | ļ            | L.           | <u> </u> |          | <u> </u> | <u> </u>                                         | Ш              |
|               | 146                                    |              | L                                                |              |              |          |          |          | L                                                |                |
|               | 147                                    |              |                                                  |              |              |          |          |          |                                                  |                |
|               | 148                                    |              |                                                  |              |              |          |          |          |                                                  |                |
| $\overline{}$ | 149                                    | _            | $\vdash$                                         | Т            |              |          | Т        |          |                                                  |                |
| -             | 150                                    | Н            | _                                                | _            | Н            | $\vdash$ | $\vdash$ | $\vdash$ |                                                  | Н              |
| L             | 130                                    |              | Ь                                                | Ц            | Щ.           | <u> </u> |          | Ц        |                                                  | لـــا          |